

IN THE CLAIMS:

None of the claims are amended herein. However, for the convenience of the Examiner, all the pending claims are reproduced below, in their current form.

1. (PREVIOUSLY PRESENTED) A method for use with an object model which stores data in a database, the method comprising:
 - automatically extracting the data directly from the object model using an object query language corresponding to the object model; and
 - automatically translating the extracted data to a non-object format.
2. (PREVIOUSLY PRESENTED) A method for use with an object model which stores data in a database, the method comprising:
 - automatically extracting the data directly from the object model using an object query language corresponding to the object model; and
 - automatically building a non-object database from the extracted data.
3. (ORIGINAL) A method as in claim 2, wherein the non-object database is a relational database.
4. (CANCELED)
5. (PREVIOUSLY PRESENTED) A method as in claim 2, wherein said automatically building builds the non-object database using a query language corresponding to the non-object database and which is different from the object query language corresponding to the object model.
6. (ORIGINAL) A method as in claim 5, wherein the non-object database is a relational database.
7. (ORIGINAL) A method as in claim 5, wherein the non-object database is a relational database and the query language corresponding to the non-object database is SQL.
8. (PREVIOUSLY PRESENTED) A method comprising:

selecting object-oriented data in an object model by a user, the selected data being stored in a database by the object model;

automatically extracting the selected data directly from the object model using an object query language corresponding to the object model;

automatically building tables for the extracted data in accordance with metadata for the extracted data, the tables being tables for a target relational database; and

automatically inserting the extracted data into the tables using a query language corresponding to the tables and which is different from the object query language.

9. (ORIGINAL) A method as in claim 8, further comprising:

automatically loading the tables with the inserted data into the target relational database.

10. (ORIGINAL) A method as in claim 8, further comprising:

automatically generating queries in the object query language corresponding to the object model, for extracting the selected data.

11. (PREVIOUSLY PRESENTED) A method comprising:

selecting object-oriented data in an object model by a human user via a graphical user interface (GUI), the selected data being stored in a database by the object model;

automatically constructing commands in an object query language corresponding to the object model to extract the selected data from the object model;

automatically extracting the selected data directly from the object model using the constructed commands;

automatically building tables for the extracted data in accordance with metadata for the extracted data, the tables being tables for a target relational database; and

automatically inserting the extracted data into the tables using a query language corresponding to the tables and which is different from the object query language.

12. (ORIGINAL) A method as in claim 11, further comprising:

automatically loading the tables with the inserted data into the target relational database.

13. (PREVIOUSLY PRESENTED) A method comprising:

selecting object-oriented data in an object model by a human user, the selected data

being stored in a database by the object model;

extracting the selected data directly from the object model by a computer using an object query language corresponding to the object model;

building tables for the extracted data by a computer in accordance with metadata for the extracted data, the tables being tables for a target relational database; and

inserting the extracted data into the tables by a computer using a query language corresponding to the tables and which is different from the object query language.

14. (ORIGINAL) A method as in claim 13, further comprising:

loading the tables with the inserted data into the target relational database by a computer.

15. (ORIGINAL) A method as in claim 13, further comprising:

automatically generating queries in the object query language corresponding to the object model, for extracting the selected data.

16. (PREVIOUSLY PRESENTED) A method comprising:

selecting object-oriented data in an object model by a human user via a graphical user interface (GUI), the selected data being stored in a database by the object model;

constructing commands by a computer in an object query language corresponding to the object model to extract the selected data from the object model;

extracting the selected data by a computer directly from the object model using the constructed commands;

building tables for the extracted data by a computer in accordance with metadata for the extracted data, the tables being tables for a target relational database; and

inserting the extracted data into the tables by a computer using a query language corresponding to the tables and which is different from the object query language.

17. (PREVIOUSLY PRESENTED) An apparatus comprising:

an object model;

a relational database, the object model storing data in the relational database;

a selection device in which a human user selects data to be extracted from the object model and which is stored by the object model in the relational database;

a computer-implemented engine automatically extracting the selected data directly from the object model via an object query language, automatically building relational database tables for the extracted data and automatically inserting the extracted data into the tables; and

a database management system loading the tables with the inserted data into the relational database.

18. (ORIGINAL) An apparatus as in claim 17, wherein the selection device is one of the group consisting of a graphical user interface and a control table.

19. (PREVIOUSLY PRESENTED) A method comprising:

selecting a respective object model from a plurality of object models, the selected object model storing data in a database;

automatically extracting the data directly from the selected object model using an object query language corresponding to the selected object model; and

automatically building a non-object database from the extracted data.

20. (PREVIOUSLY PRESENTED) A method for use with an object model which stores data in a database, the method comprising:

automatically extracting a first set of data stored in the database by directly extracting the first set of data from the object model using a query language corresponding to the object model;

automatically building a first non-object database from the extracted first set of data;

automatically extracting a second set of data stored in the database by directly extracting the second set of data from the object model using the object query language; and

automatically building a second non-object database from the extracted second set of data.

21. (PREVIOUSLY PRESENTED) A method comprising:

selecting a respective object model from a plurality of object models, the selected object model storing data in a database;

automatically extracting a first set of data stored in the database by directly extracting the first set of data from the selected object model using an object query language corresponding to the selected object model;

automatically building a first non-object database from the extracted first set of data;

automatically extracting a second set of data stored in the database by directly extracting the second set of data from the selected object model using the object query language; and
automatically building a second non-object database from the extracted second set of data.